

Method operation

End-to-end bioassay analysis
with PLA 3.0

PLA 3.0 Academy | Learning and growing together



About method operation



What is method operation in the context of bioassays?

- In biopharmaceutical analysis, method operation refers to the routine application of a predefined analytical method to ensure consistent and reliable assay results.
- Unlike method development—where analysis settings are defined and optimized—method operation focuses on applying these validated methods to new datasets in a standardized and efficient way.
- By leveraging method operation, laboratories can ensure reproducibility, reduce manual errors, and maintain compliance with regulatory requirements while streamlining routine analysis workflows.

Method operation in PLA 3.0



How do you benefit from using PLA 3.0?

- In PLA 3.0, method operation ensures consistent assay analysis by applying predefined settings, such as statistical models and curve-fitting parameters.
- To transition methods from development to routine use, PLA 3.0 provides method templates, which store validated analysis settings for standardization.
- For daily operations, users create documents from these templates.
- Documents allow users to input data, run analyses, and generate reports while ensuring compliance with the predefined method.

Method operation in PLA 3.0



What are the key benefits of using PLA 3.0?

- Using methods in PLA 3.0 streamlines routine analysis by automating data processing and ensuring consistency across multiple assays.
- Standardized methods improve compliance by providing documented, validated workflows that meet regulatory requirements.
- Additionally, reusing established methods enhances productivity, reduces variability, and enables better collaboration across teams.

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